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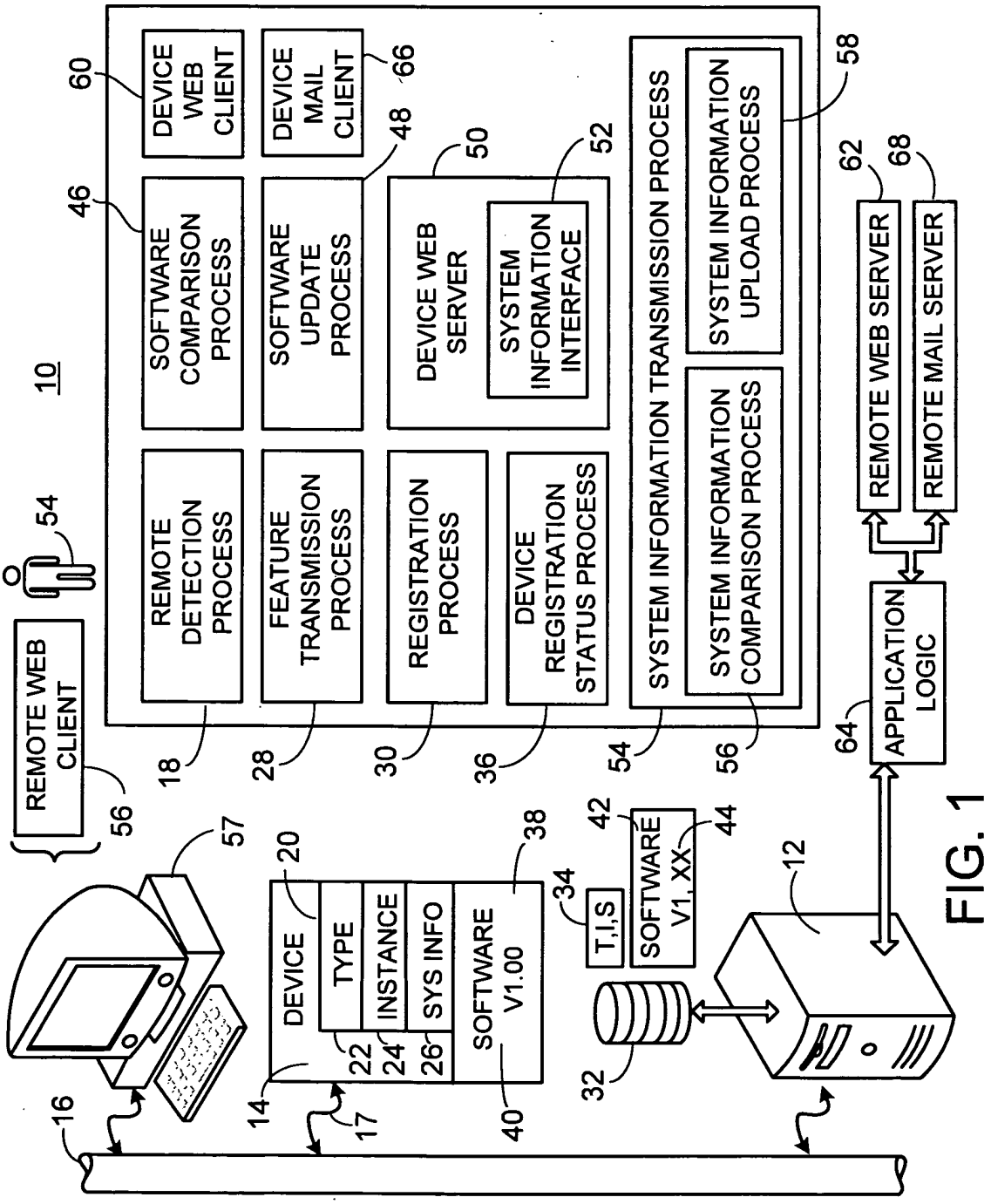
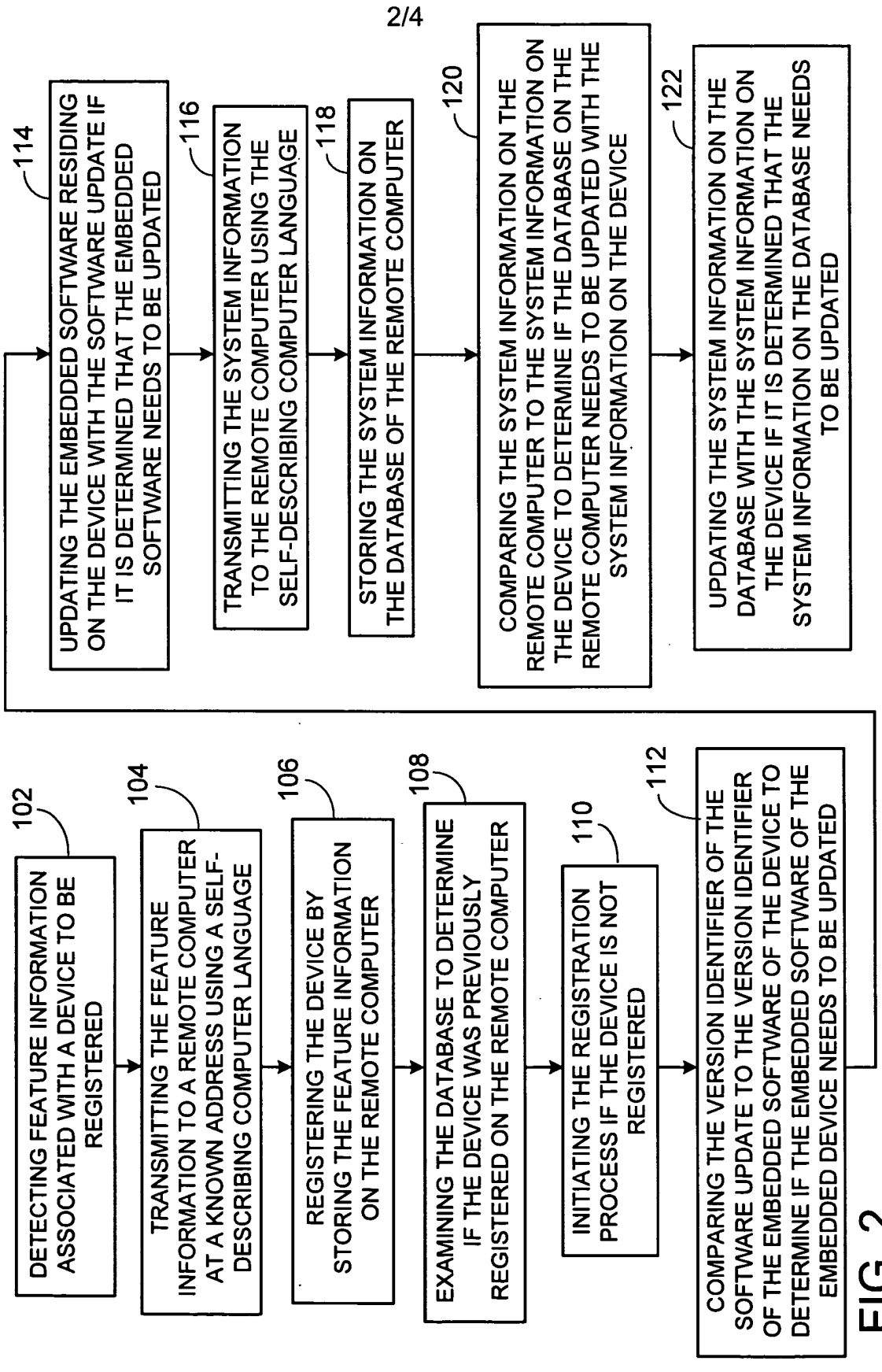


FIG. 1


102
DETECTING FEATURE INFORMATION ASSOCIATED WITH A DEVICE TO BE REGISTERED
104
TRANSMITTING THE FEATURE INFORMATION TO A REMOTE COMPUTER AT A KNOWN ADDRESS USING A SELF-DESCRIBING COMPUTER LANGUAGE
106
REGISTERING THE DEVICE BY STORING THE FEATURE INFORMATION ON THE REMOTE COMPUTER
108
EXAMINING THE DATABASE TO DETERMINE IF THE DEVICE WAS PREVIOUSLY REGISTERED ON THE REMOTE COMPUTER
110
INITIATING THE REGISTRATION PROCESS IF THE DEVICE IS NOT REGISTERED
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COMPARING THE VERSION IDENTIFIER OF THE SOFTWARE UPDATE TO THE VERSION IDENTIFIER OF THE EMBEDDED SOFTWARE OF THE DEVICE TO DETERMINE IF THE EMBEDDED SOFTWARE OF THE EMBEDDED DEVICE NEEDS TO BE UPDATED
114
UPDATING THE EMBEDDED SOFTWARE RESIDING ON THE DEVICE WITH THE SOFTWARE UPDATE IF IT IS DETERMINED THAT THE EMBEDDED SOFTWARE NEEDS TO BE UPDATED
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TRANSMITTING THE SYSTEM INFORMATION TO THE REMOTE COMPUTER USING THE SELF-DESCRIBING COMPUTER LANGUAGE
118
STORING THE SYSTEM INFORMATION ON THE DATABASE OF THE REMOTE COMPUTER
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COMPARING THE SYSTEM INFORMATION ON THE REMOTE COMPUTER TO THE SYSTEM INFORMATION ON THE DEVICE TO DETERMINE IF THE DATABASE ON THE REMOTE COMPUTER NEEDS TO BE UPDATED WITH THE SYSTEM INFORMATION ON THE DEVICE
122
UPDATING THE SYSTEM INFORMATION ON THE DATABASE WITH THE SYSTEM INFORMATION ON THE DEVICE IF IT IS DETERMINED THAT THE SYSTEM INFORMATION ON THE DATABASE NEEDS TO BE UPDATED

FIG. 2

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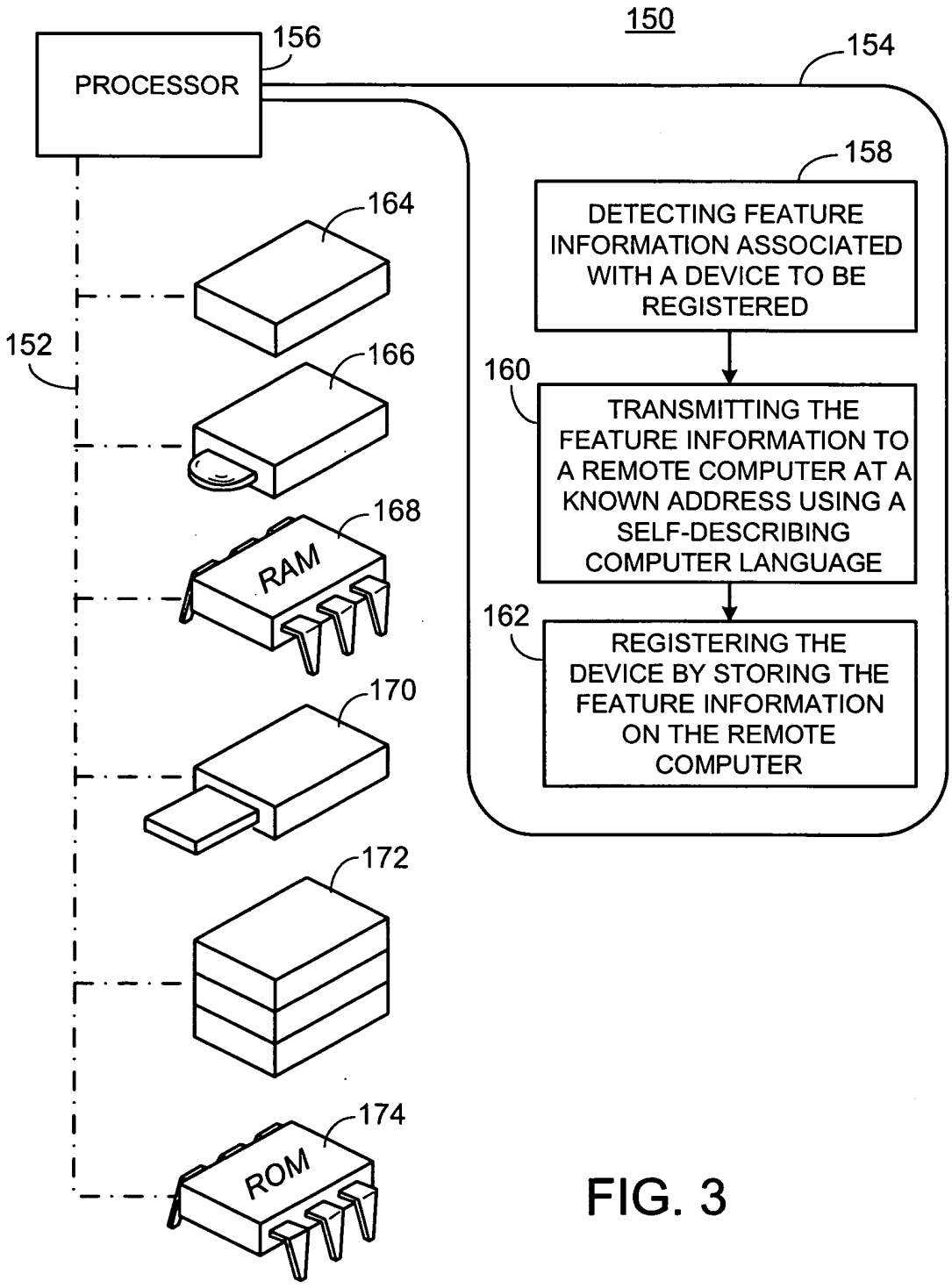
150
PROCESSOR
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154
158
DETECTING FEATURE INFORMATION ASSOCIATED WITH A DEVICE TO BE REGISTERED
160
TRANSMITTING THE FEATURE INFORMATION TO A REMOTE COMPUTER AT A KNOWN ADDRESS USING A SELF-DESCRIBING COMPUTER LANGUAGE
162
REGISTERING THE DEVICE BY STORING THE FEATURE INFORMATION ON THE REMOTE COMPUTER
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168
RAM
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174
ROM

FIG. 3

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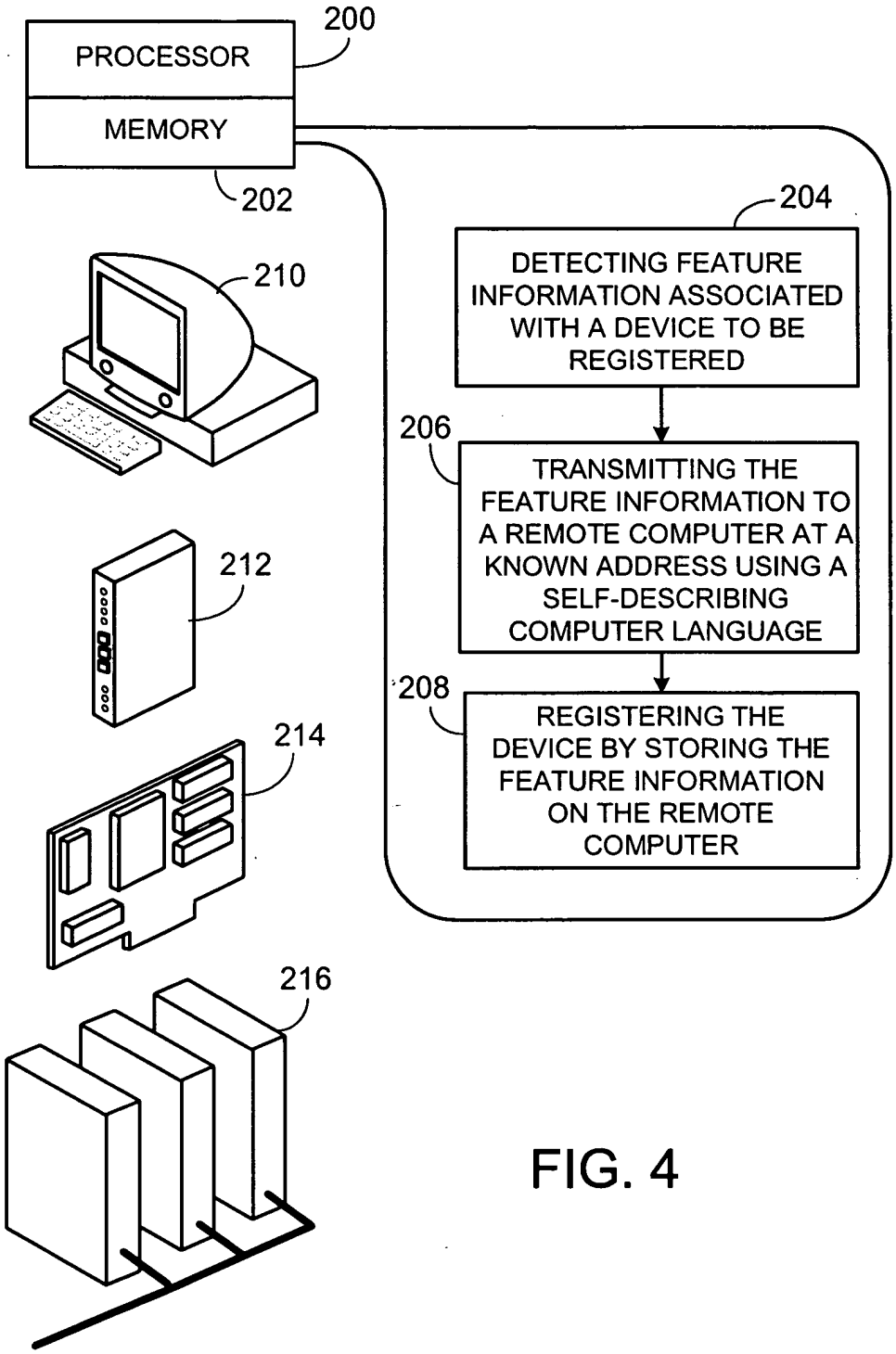
200
PROCESSOR
MEMORY
202
204
DETECTING FEATURE INFORMATION ASSOCIATED WITH A DEVICE TO BE REGISTERED
206
TRANSMITTING THE FEATURE INFORMATION TO A REMOTE COMPUTER AT A KNOWN ADDRESS USING A SELF-DESCRIBING COMPUTER LANGUAGE
208
REGISTERING THE DEVICE BY STORING THE FEATURE INFORMATION ON THE REMOTE COMPUTER
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FIG. 4